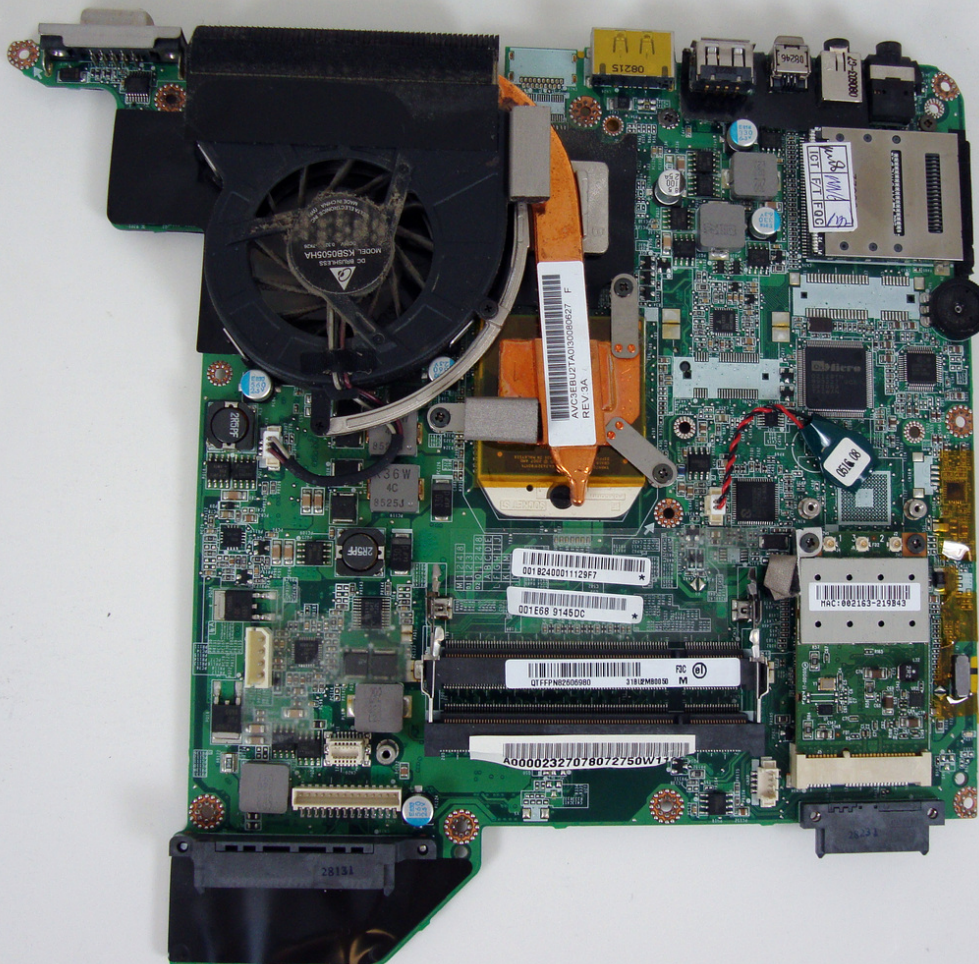




# Toshiba Satellite M305D-S4829 Motherboard Replacement

This guide will assist in the removal of the mother board. The only tool necessary is a Philips #0 screw drive and/or a spudger.

Written By: Michael Jensen





## TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
-

## Step 1 — Battery



- Unlatch the battery by pushing outward on both latches.

## Step 2



- Slide battery out.



## Step 3 — Keyboard



- Remove the five "F2" screws with a Phillips #0 screwdriver.

## Step 4



- Insert the plastic opening tool above the F1 key.
- Apply upward pressure until the black plastic strip snaps off. The entire strip will easily come off from left to right.



## Step 5



- Find the screws above the F1 and INS keys.
- Unscrew both screws with a Phillips #0 screwdriver.

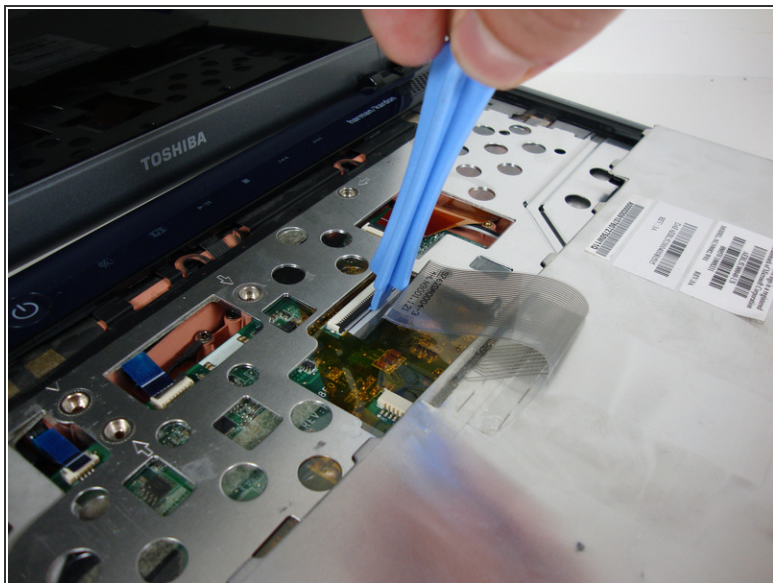
## Step 6



- Slowly lift the top edge of the keyboard out with your fingers.
- The ribbon cable located on the back of the keyboard will become accessible.

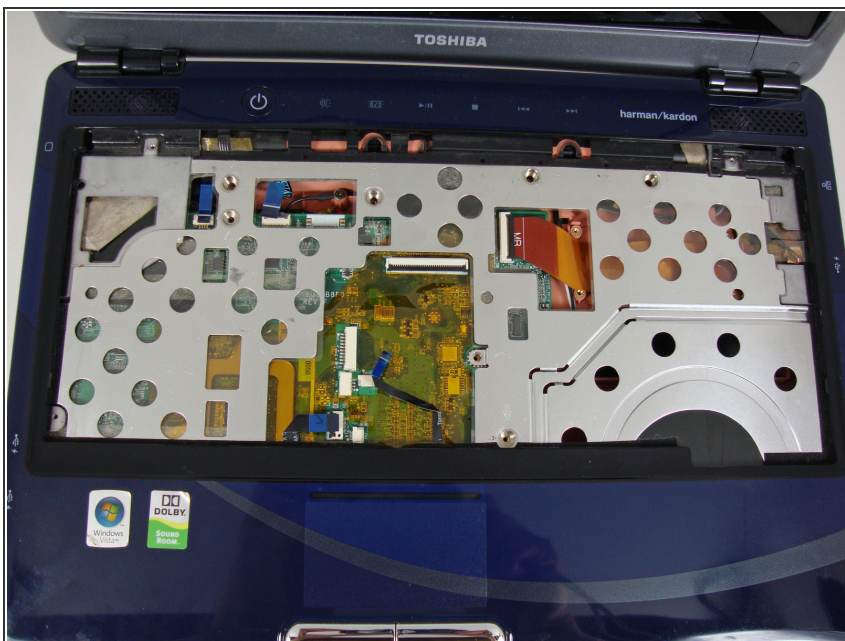


## Step 7



- Locate the black ribbon cable flap.
- Detach flap with plastic opening tool. The ribbon cable will become free.

## Step 8



- Your keyboard has now been successfully removed.

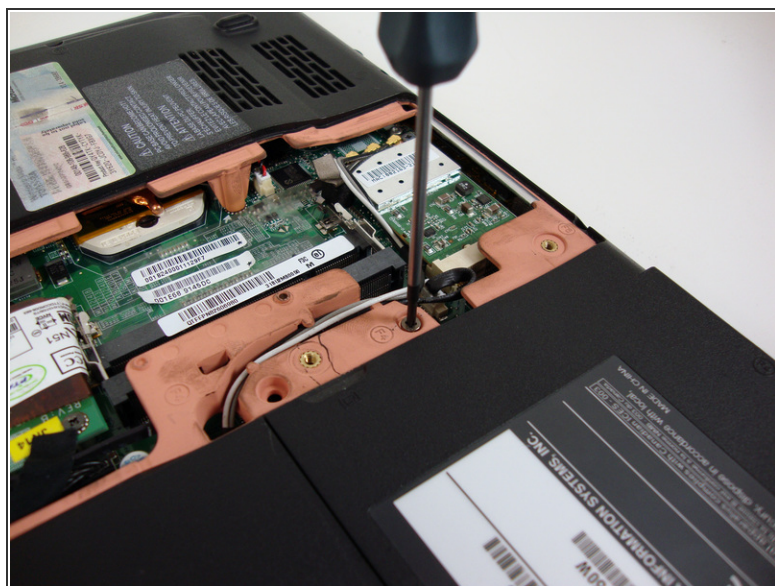


## Step 9 — CD/DVD Drive



- Remove the back panel by removing the three labeled screws with a Phillips #0 screwdriver.

## Step 10



- Locate and remove the circled screw with a Phillips #0 screwdriver.

## Step 11



- Use the plastic opening tool to pry the CD/DVD drive out of the frame.

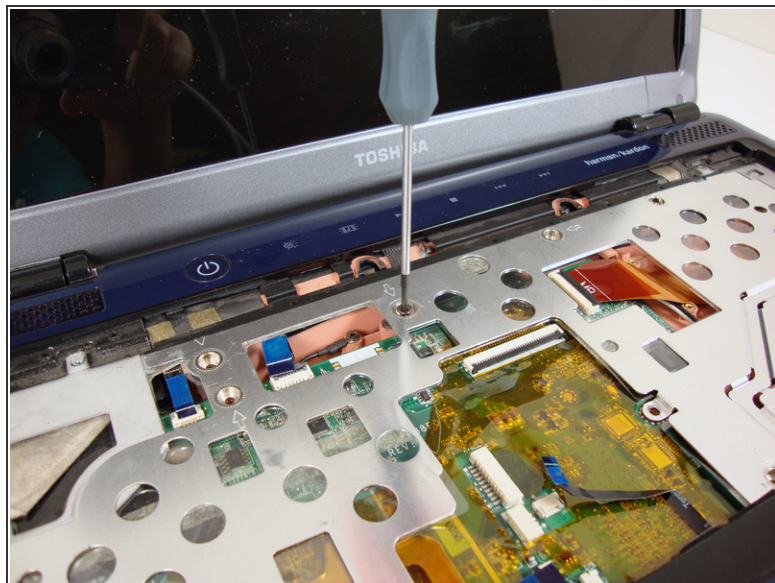
## Step 12



- Gently remove the CD/DVD drive from the laptop body.



## Step 13 — Motherboard



- Remove the circled screws with Phillips #0 screwdriver.

## Step 14



- Remove these screws from the underside of the laptop with Phillips #0 screwdriver.



## Step 15



- Disconnect the three circled antennas by lightly pulling upward with your fingers. They should detach easily.
- Note: Yours may only have two (2) antennas. Pay attention to the Orientation of the Aluminum bracket with the pads for reinstallation.

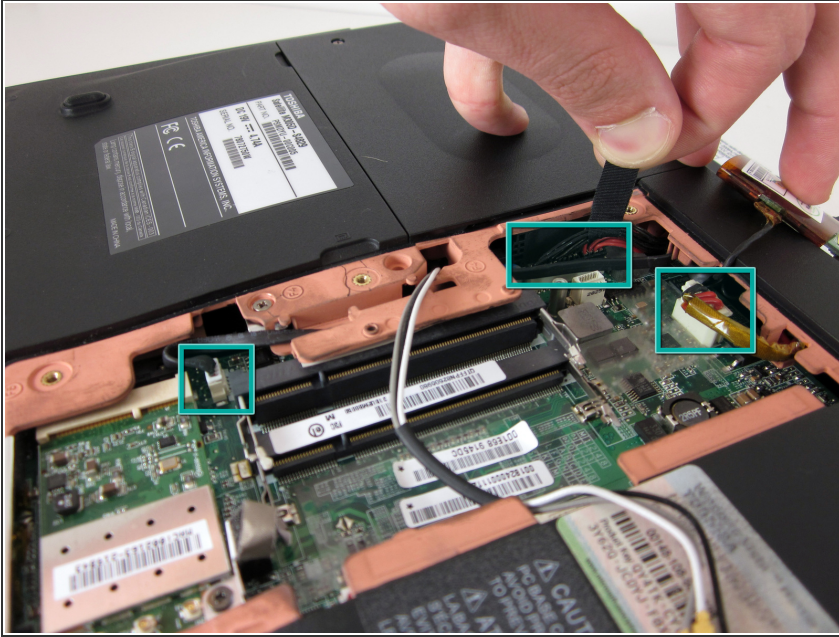
## Step 16



- Remove the circled screw with a Phillips #0 screwdriver.

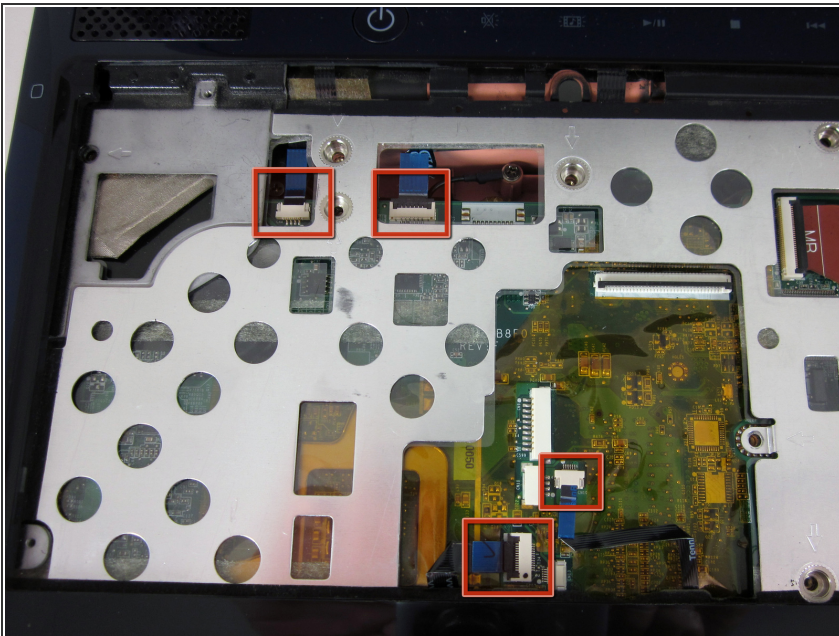


## Step 17



- Detach the 3 marked cables by pulling them out with your fingers as shown.
- ⓘ This may require some force. They do not come out easily.

## Step 18



- Detach the four blue ribbon cables carefully with tweezers. Some of the ribbons may require a flap to be raised because it secures the ribbon in.

## Step 19



- Remove the top plastic cover by lifting upward from the bottom left-hand corner as shown. The cover will come off easily.

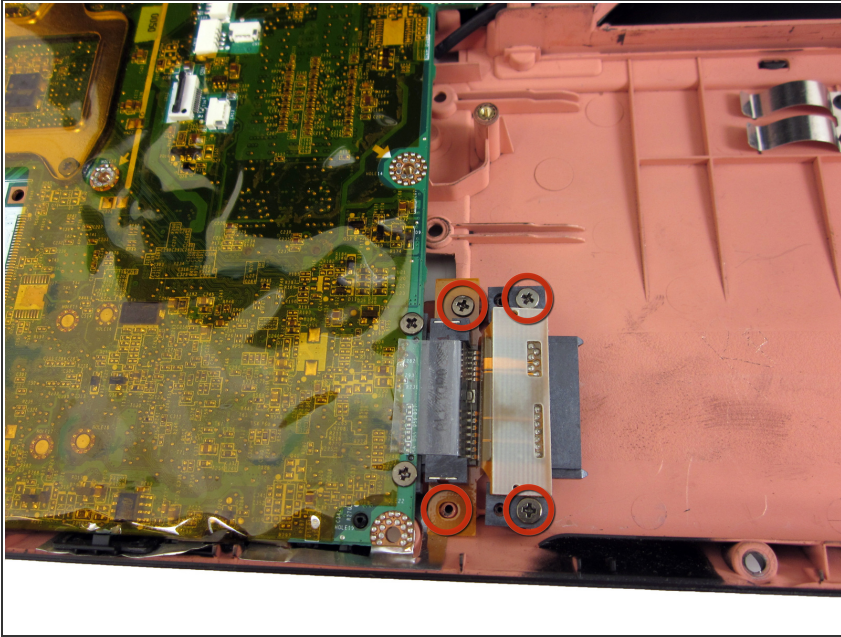
## Step 20



- Remove the circled motherboard screws with a Phillips #0 Screwdriver.
- Disconnect this ribbon cable.

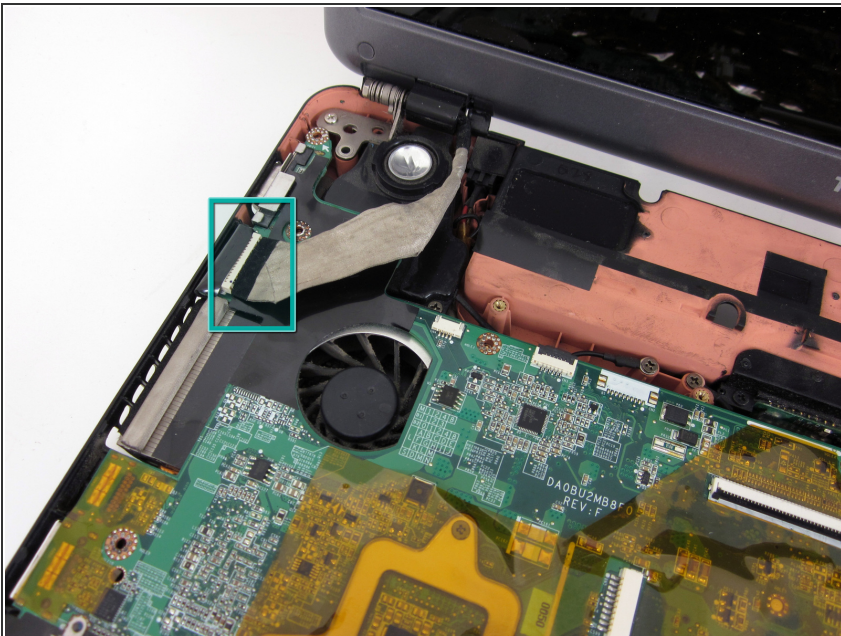


## Step 21



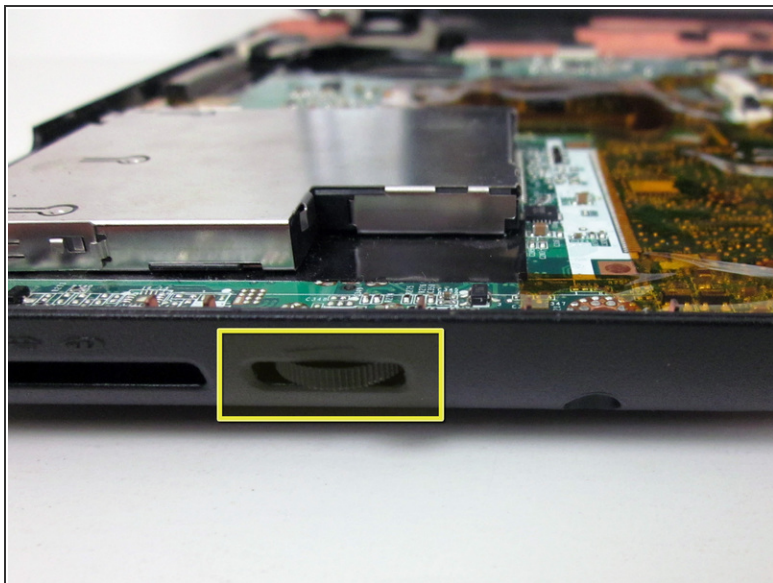
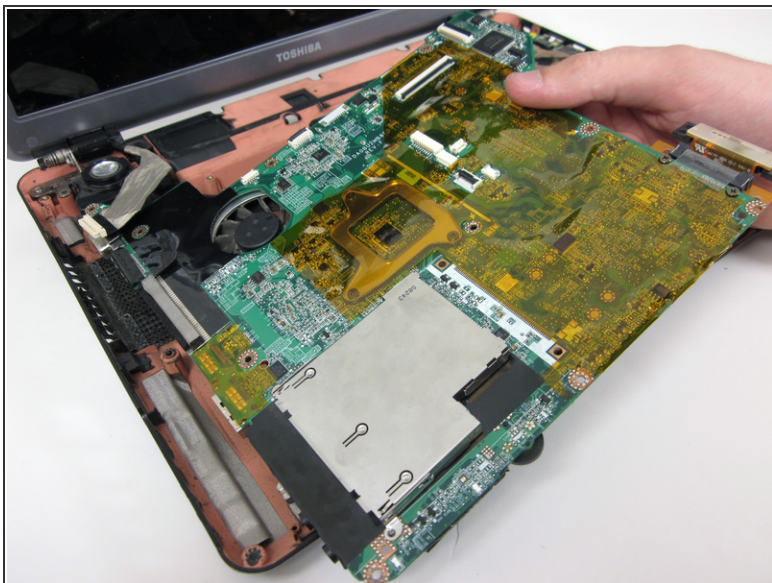
- Remove these screws with a Phillips #0 screwdriver.

## Step 22



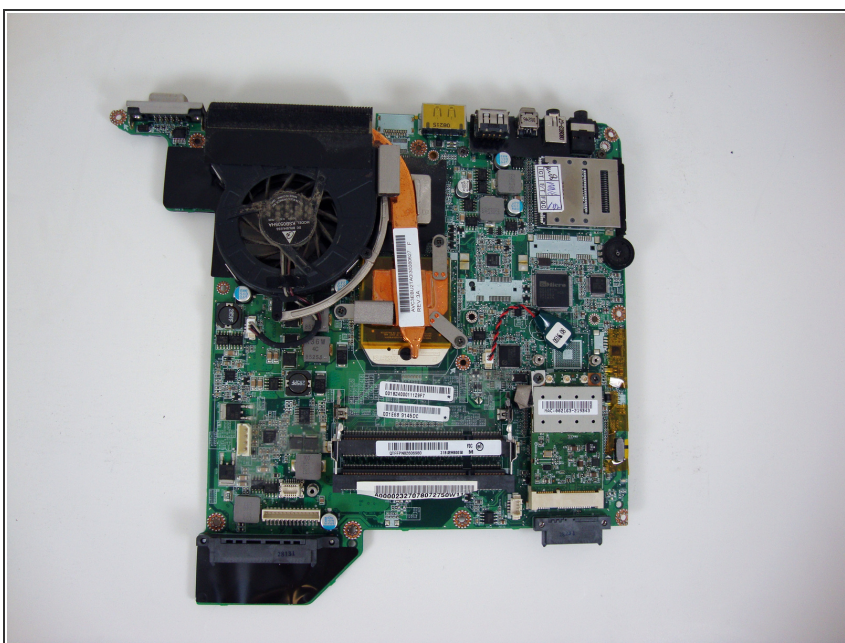
- Detach the display cable by gently pulling it out with your fingers.

## Step 23



- Remove the motherboard from the left side by gently lifting the left side upward.
- ⓘ The boxed volume control may snag on the laptop frame when pulling the motherboard out.

## Step 24



- The motherboard has now been removed from laptop.

To reassemble your device, follow these instructions in reverse order.



